

ABSTRACT OF DISCLOSURE

A bubble-ink jet print head includes: a substrate having ink chambers to store ink and resistance heat emitting bodies to heat ink disposed thereover; and an ink supply passage which penetrates the substrate and which is connected with the ink chambers. The ink supply passage includes: a first trench formed at a first surface of the substrate in a first pattern having a separating distance from at least one of inlets of the ink chambers and connecting portions between the adjacent ink chambers, the first surface of the substrate having the ink chambers disposed thereover, and a second trench formed at a second surface of the substrate in a second pattern, having one of an area equal to and an area smaller than that of the first trench in the range of the first pattern of the first trench, and in communication with the first trench.